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# Thenry Ford the Silvery Ford the Silvery

by Michael O'Hearn illustrated by Phil Miller, Keith Wilson, and Charles Barnett III

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Mankato, Minnesota

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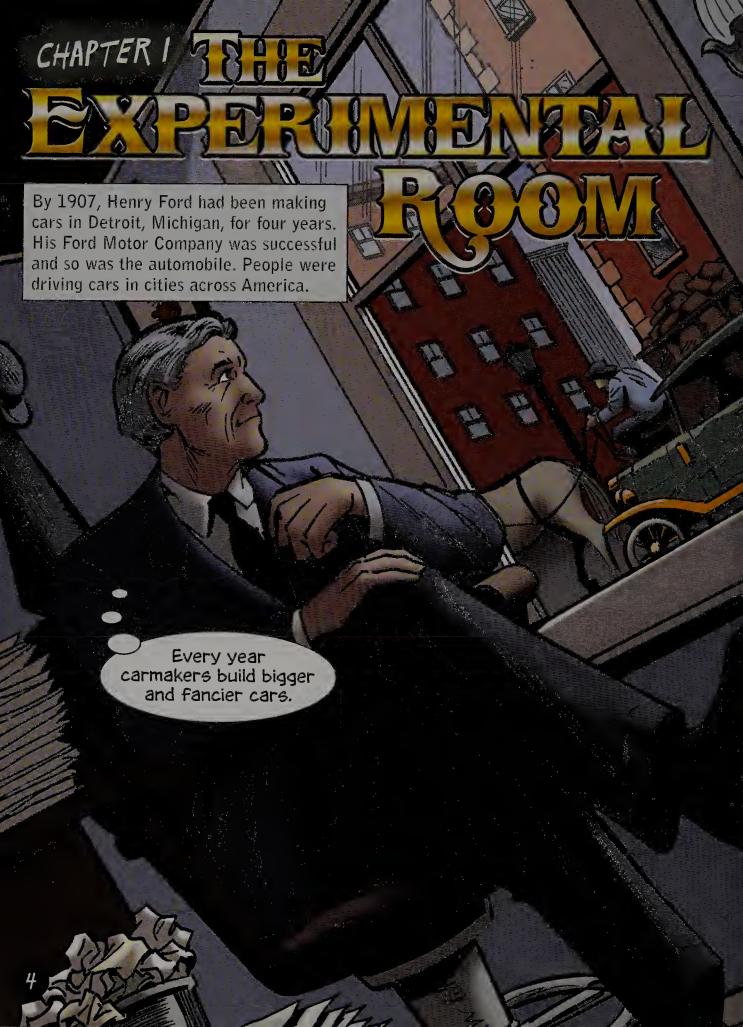
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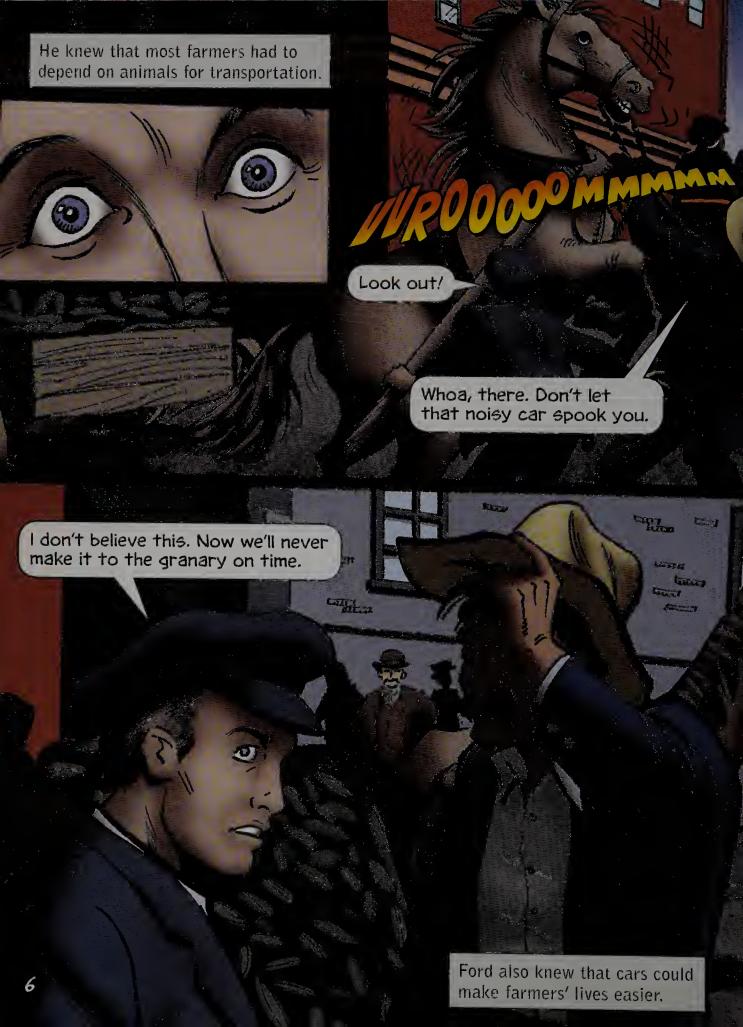
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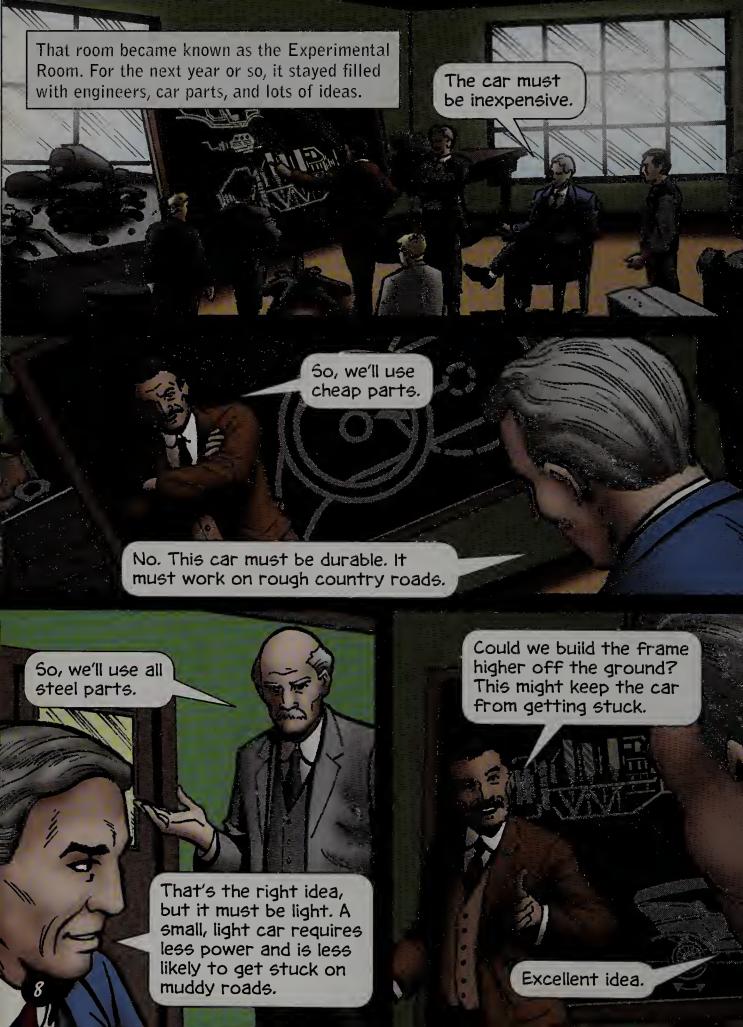
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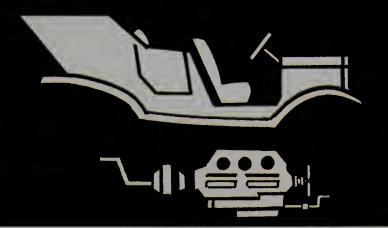








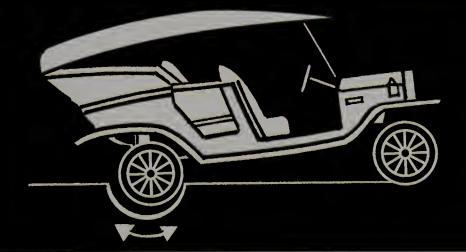
Ford and his team developed a number of ideas for his new Model T car. They decided to build as many parts as possible from vanadium steel. This new type of steel was stronger and lighter than regular steel.

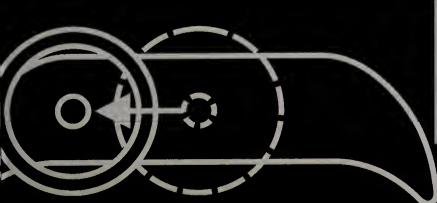




They also developed a one-piece cylinder block for the engine. Other engine blocks at the time were made of eight or more pieces and broke apart after hard use.

The gear system for the Model T allowed drivers to shift smoothly and quickly from forward to reverse. The car could be rocked back and forth to get out of ditches and potholes.





The steering wheel was moved from the center to the left. This change gave the driver a better view of oncoming traffic. It also allowed room for more people in the front seat.



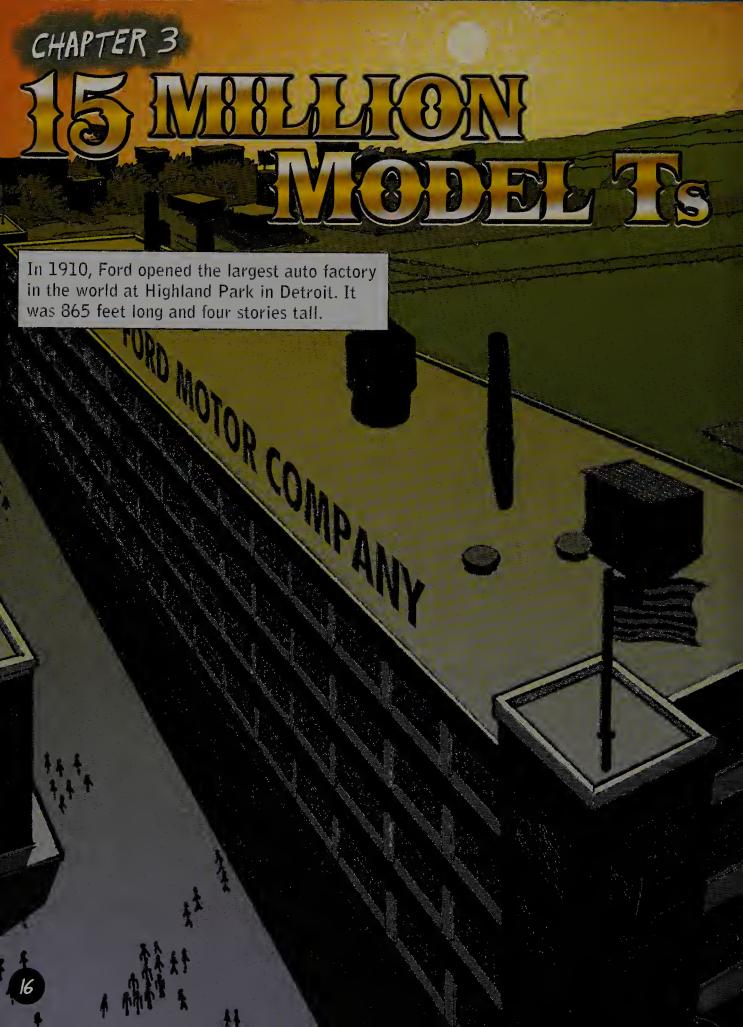


CHAPTER 2 In October 1908, Ford Motors introduced the Model T to America. At \$850, it wasn't the cheapest car on the market, but it was the best car for the money. LIFE Ford Motor Com 12

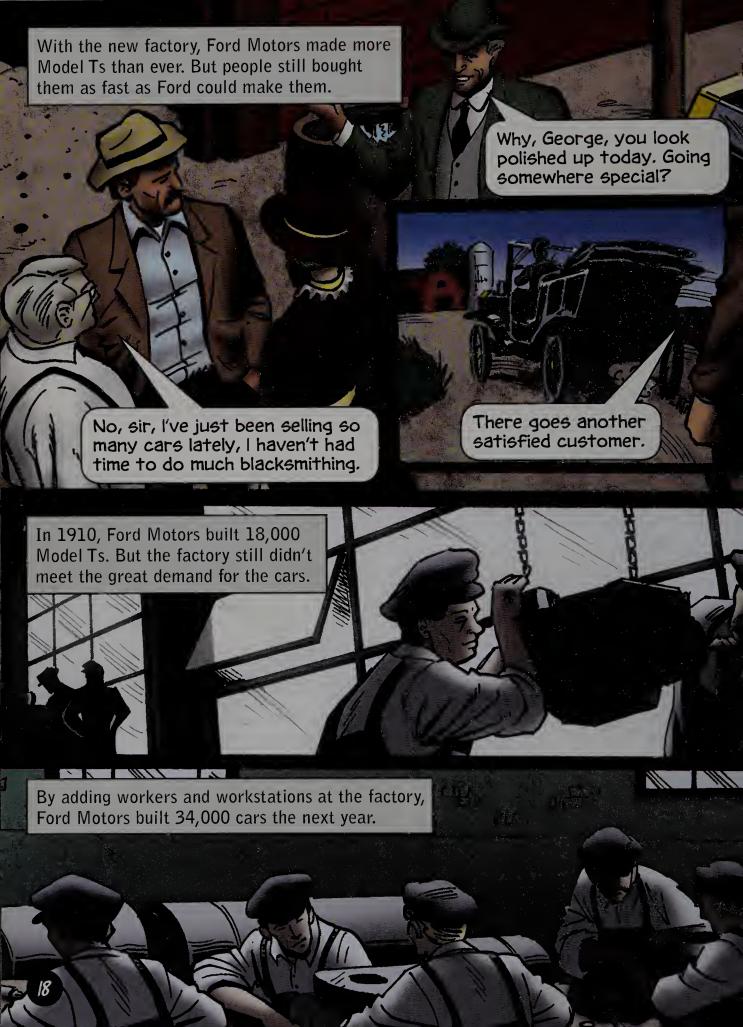












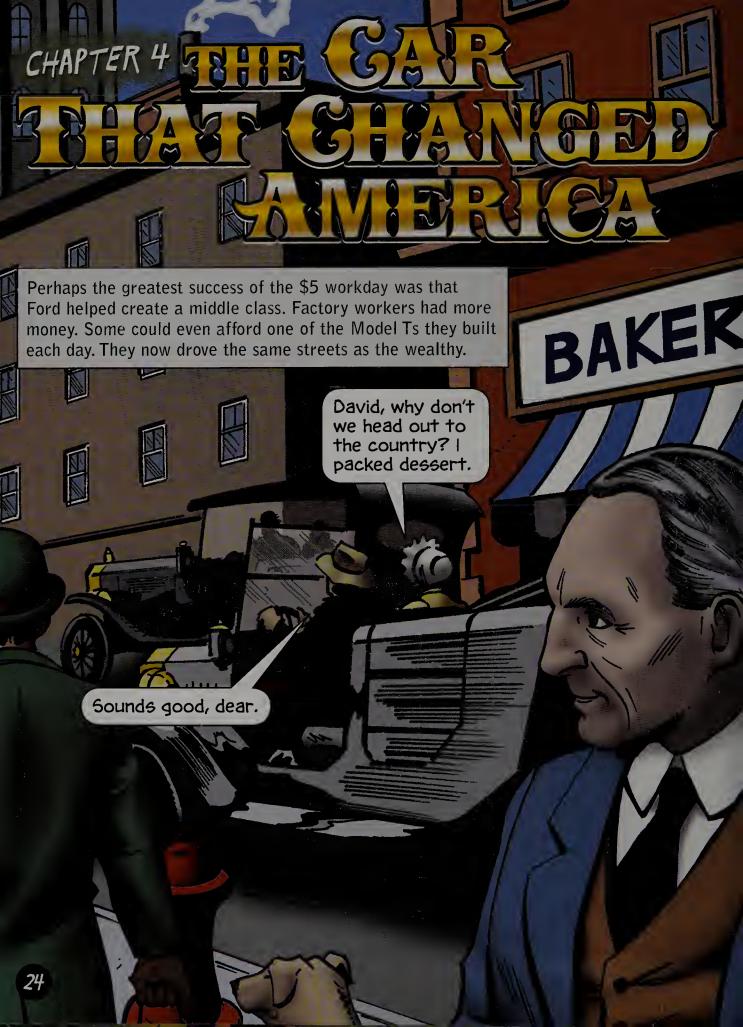














This play is hilarious, Jack.





# 



Henry Ford was born in Greenfield, Michigan, on July 30, 1863. Ford married Clara Bryant in 1888. Their only child, Edsel, was born in 1893. Ford died on April 7, 1947, in Dearborn, Michigan. He was 83 years old.



On Christmas Eve 1893, Ford tested his first gasoline engine by clamping it to his kitchen sink. He connected a wire to the kitchen light socket to power the spark plug. Ford cranked the engine as his wife, Clara, dripped gasoline into the intake valve. As the engine rumbled to life, flames shot out the exhaust, filling the room with smoke and rattling the dishes and windows.



Ford built his first car, called the quadricycle, in a brick shed behind his Detroit home. When it was finished, he realized it was too wide to fit through the door. To get the car out for a test drive, Ford broke down one of the brick walls with an axe.



Early Model Ts were made in a variety of colors. But from 1914 to 1926, all Model Ts were painted black. The change was made because the black paint dried faster than the other paint colors. Fast-drying paint sped up the production of the car.



The Highland Park factory was nicknamed the Crystal Palace because the walls and ceilings held 50,000 square feet (4,645 square meters) of windows.



The Model T was so popular that by 1918, half of the cars in the United States were Model Ts.



The announcement of the \$5 wage almost caused a riot at the Ford factory. Hundreds of workers from all over the country wanted to be hired. Ford made sure to hire black workers, disabled workers, and women, which was an unusual practice at the time.



The Model T, like a favorite horse, was often thought of as part of the family. People often gave their Model T a name. Two popular nicknames were "Tin Lizzie" and "Flivver."



## GLOSSARY

assembly line (uh-SEM-blee LINE)—an arrangement of machines and workers in a factory, where work passes from one person or machine to the next until the job is complete

blacksmith (BLAK-smith)—a person who makes and fixes things made of iron

engineer (en-juh-NIHR)—a person who is trained to design and build machines

magneto (mag-NET-oh)—an electric generator that creates electricity to fire an engine's spark plugs

middle class (MID-uhl KLASS)—the group of people whose income level places them between the poor and the wealthy

riot (RYE-uht)—a group of people acting noisy, violent, and out of control

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